Sustainability, replication and exploitation of project results

CALL FOR INTEREST

Deadline 28th February, 2025

Are you involved in the management of natural coastal areas threatened by subsidence, coastal erosion, flood risk, and loss of habitat and biodiversity?

Do you find NBS (Nature-Based Solutions) important and useful?

"CONTACT US TO SHARE EXPERIENCE AND KNOWLEDGE"

"VISIT LIFE NATUREEF SITE"

"WORKING TOGETHER TO CONTRIBUTE TO THE PROTECTION OF HABITATS AND COASTAL BIODIVERSITY."

The Life NatuReef project involves identifying possible sites where to propose replication and exploitation of project results.
The strategy for replication and exploitation of project results consists of the following steps:

- Research possible administrations and agencies dealing with natural coastal sites threatened by the same issues addressed by NatuReef;
- Offering guidelines and a toolkit to administrations of different sites for effective exploitation of NatuReef results;
- Support new partners to replicate the project with appropriate adaptations to site characteristics;
- Offer free advice to possible new partners in replicating the project to help them solve problems they may encounter;
- Create a BIOGENICREEF committee among partners willing to adopt these guidelines, sharing different views and experiences.

WHO CAN APPLY?

The "Call for Interest" is addressed to all agencies and administrations that manage coastal natural areas that have similar natural features with the NatuReef project area and face shared threats, including: subsidence, coastal erosion, flooding, habitat loss and biodiversity

HOW TO APPLY?

Fill out the attached APPLICATION FORM and send it by email to parcodeltapo@cert.parcodeltapo.it by the date 28th February, 2025

CALENDAR

Opening Applications	2nd December, 2024
Application Deadline	28th February, 2025

Project cofunded by the European Union
Programme EU: LIFE
LIFE-2022-SAP-NAT — Nature & Biodiversity- Standard Action
Coordinator: Prof. Massimo Ponti- massimo.ponti@unibo.it

website: https://site.unibo.it/life-natureef
FB: https://www.facebook.com/LifeNatuReef2023
IG: https://www.instagram.com/life.natureef.project/

LIFE NATUREEF PROJECT

LIFE NatuReef is a European project to restore ancient oyster and sabellaria reefs at the mouth of Bevano river. An ambitious initiative aimed at restoring and enhancing marine and coastal habitats.

These reefs are natural "bioconstructions" that provide a range of ecosystem goods and services, including restoration of underwater habitats, enhancement of biodiversity, and protection of coastal habitats from storm surges and erosion processes, with a view to combating and adapting to climate change.
The project is an important initiative for environmental conservation and sustainable development and represents a laboratory of "best practices" applied for the first time in the Adriatic Sea.

LIFE NatuReef is nature repairing and regenerating

Objectives:

1. Creating an oyster reef

LIFE NatuReef will create a submerged native oyster reef of about 4,000 square meters near and parallel to the beach. Oyster reefs provide elective habitats for various marine species, contribute to improved water quality and shoreline protection.

2. Stimulating the development of sabellariids worms

Sabellaria are small worms that can create submerged reefs by aggregating sap. With small transplants, their growth will be stimulated at the base of oyster reefs, thus playing a crucial role in consolidating structures and increasing biodiversity.

3. Enhancing marine biodiversity

The goal is to increase the number of marine species, including algae, invertebrates and fish, providing an ideal place for the reproduction and protection of juveniles and repopulating the surrounding sea.

4. Protect coastal habitats

The project proposes a nature-based solution to protect and restore marine and coastal habitats, creating resilient and resistant marine and coastal habitats and communities to climate change.

5. Promote the conservation of protected fauna and flora

By creating a high-biodiversity habitat and protecting the coast, the marine and coastal protected species found in this oasis will be better protected.

6. Increasing public awareness

Educating and raising public awareness about the importance of restoring biogenic reefs as a nature-based solution for coastal defence and enhancing marine biodiversity is the first step toward a paradigm shift: protecting coasts by restoring natural environments, no longer by creating artificial barriers to the sea.

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LIFE NatuReef

Nature-based reef solution for coastal protection and marine biodiversity enhancement

ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA

Comune di Ravenna

PARCO DELTA DEL PO

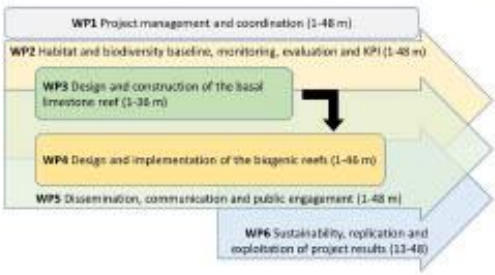
PROAMBIENTE

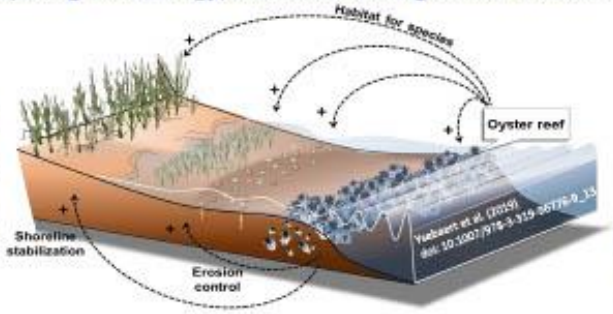
FONDAZIONE FLAMINIA PER L'UNIVERSITÀ IN ROMAGNA

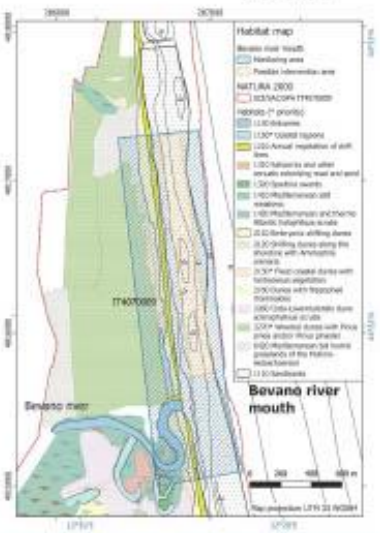
REEF CHECK ITALIA

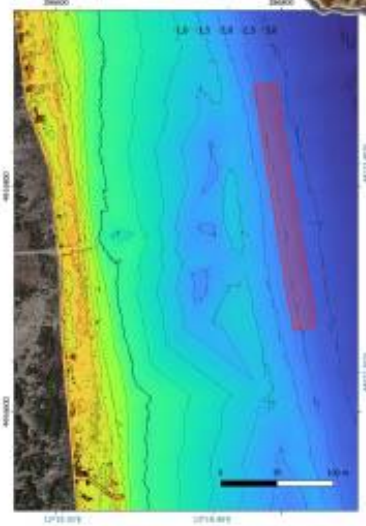
LIFE NatuReef aims to restore native oyster (*Ostrea edulis*) and sabellariid (*Sabellaria spinulosa*) reefs off a pristine beach in the North Adriatic, inside the EU Natura 2000 SAC and SPA Bevano river mouth (IT4070009, Italy). These ecologically extinct ecosystem engineers will build three-dimensional reefs providing for ecological niches, high biodiversity, and nursery habitats. They also will protect coastal habitats by retaining sediments, dissipating wave energy, and counteracting coastal erosion.

Ancient oyster beds in the Adriatic Sea were described by Luigi Ferdinando Marsili (Bologna, 1658-1730)









LIFE-2022-SAP-NAT – Nature & Biodiversity – Standard Action
LIFE22-NAT-IT-LIFE-NatuReef/101113742
Period: 01/07/2023 – 30/06/2027
Total Eligible Budget: € 3'183'057
EU Contribution: € 1'909'832 (60%)
Coordinator: Prof. Massimo Ponti
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Contact: massimo.ponti@unibo.it
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